

King County DNRP Water Quality Index

STATION **A432** WATER YEAR **2018**

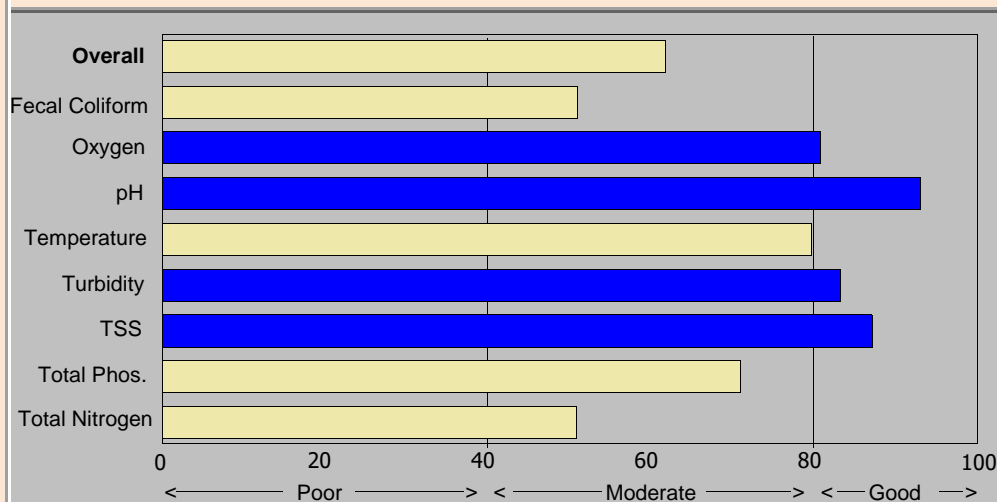
GAUGE # 35c McAleer @ Mouth

Overall Index 62

King County monitors water quality in McAleer Creek at station A432, located at NE 170th and Bothell Way NE, just south of Lake Forest Park. Monitoring at this site began in 1976 and continued until 2008 when budget cutbacks reduced the breadth of King County's water quality monitoring program. Regular monitoring resumed in February 2013. McAleer Creek originates at Lake Ballinger and flows roughly six miles before draining into the northeast corner of Lake Washington just south of Lyon Creek. The drainage basin is approximately 5,700 acres in size and includes portions of Mountlake Terrace, Shoreline, and Lake Forest Park. The creek is on the Washington State Department of Ecology's 303(d) list, Category 5, for violations of temperature and fecal coliform bacteria standards. McAleer Creek is also listed for bioassessment scores that indicate that biological integrity is degraded.

Annual Water Quality Index Scores

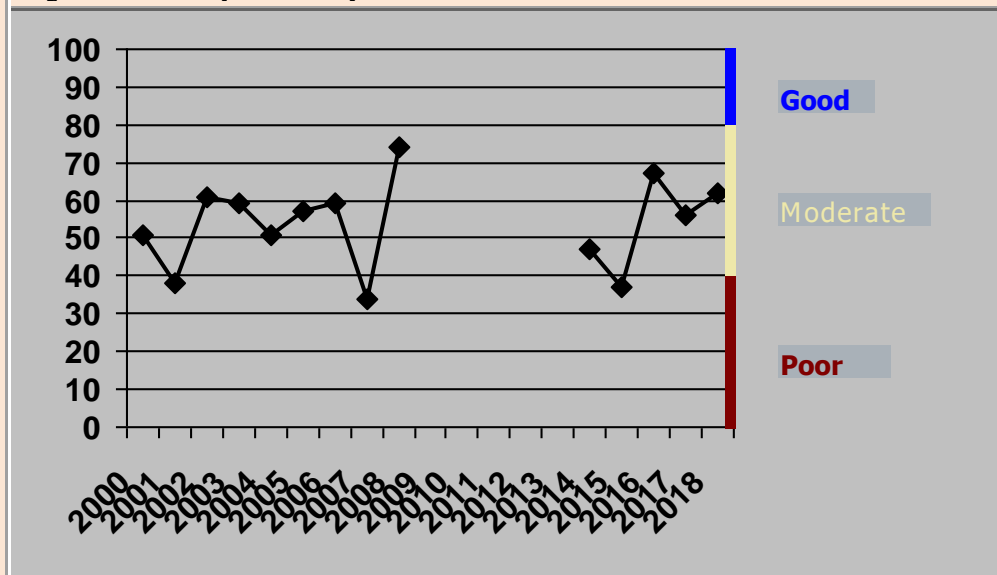
Water quality was MODERATE based on data collected 10/1/2017 to 9/30/2018.



Monthly Scores For Water Year 2018

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
75	54	91	89	77	86	86	74	67	64	69	69

WQI Score Comparison By Water Year



About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <https://green2.kingcounty.gov/streamsdata/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>